

Amendments to the Claims:

Please cancel claims 1, 8, 9, 12, 15, 17-19, 22, 34-38, 40-44 and 47-66, amend claims 16, 45 and 46, and add new claims 67-83 as follows. The following listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claims 1-15 (Cancelled).

Claim 16 (Currently Amended). A camera comprising:

photographing means having a series photographing capability for acquiring image data of a subject;

5 positioning means for executing positioning to obtain positional information;

series photographing instruction means for giving a series photographing instruction to said photographing means to carry out series photographing;

10 series photographing control means for performing such control as to cause said photographing means to execute series photographing to acquire a plurality of photographed images in

response to said series photographing instruction given by said series photographing instruction means;

15 first positioning timing control means for controlling said timing in such a way that said positioning means executes positioning to acquire first positional information before or immediately after said series photographing instruction is given by said series photographing instruction means, ~~and;~~

20 second positioning timing control means for controlling said timing in such a way that said positioning means executes positioning to acquire second positional information immediately before or immediately after series photographing by said series photographing control means is finished;

~~said camera further comprises~~ positional information
25 computing means for computing new positional information using said first and second positional information; and

~~said~~ memory control means ~~stores~~ for storing said positional information computed by said positional information computing means in said memory means in association with said plurality of
30 photographed images acquired by said series photographing control means.

Claims 17-38 (Cancelled).

Claim 39 (Previously Presented). A camera comprising:

a photographing device having a series photographing capability which acquires image data of a subject;

5 a positioning device which executes positioning to obtain positional information;

a series photographing instruction device which provides a series photographing instruction to said photographing device to carry out series photographing;

10 a series photographing controller which performs such control as to cause said photographing device to execute series photographing to acquire a plurality of photographed images in response to said series photographing instruction given by said series photographing instruction device;

15 a first positioning timing controller which controls said timing in such a way that said positioning device executes positioning to acquire first positional information before or immediately after said series photographing instruction is given by said series photographing instruction device;

20 a second positioning timing control device which controls said timing in such a way that said positioning device executes positioning to acquire second positional information immediately before or immediately after series photographing by said series photographing control device is finished;

25 a positional information computing device which computes new
positional information using said first and second positional
information;

a memory which stores said plurality of photographed images
acquired under control of said series photographing controller;
and

30 a memory controller which stores said positional information
obtained by said positioning device in said memory in association
with said plurality of photographed images acquired by said
photographing device,

35 wherein said memory controller stores said positional
information computed by said positional information computing
device in said memory in association with said plurality of
photographed images acquired by said series photographing
controller.

Claims 40-44 (Cancelled).

Claim 45 (Currently Amended). ~~The A camera according to~~
~~claim 1, comprising:~~

photographing means;

positioning means;

5 positioning timing control means for causing said
positioning means to execute positioning at a predetermined
timing asynchronous to a photographing timing of said
photographing means to thereby obtain positional information;
 memory means for storing a plurality of images photographed
10 by said photographing means; and
 memory control means for storing said positional information
obtained by said positioning timing control means in said memory
means in association with said plurality of photographed images,
 wherein said predetermined timing for obtaining said
positional information is when a date is changed.

Claim 46 (Currently Amended). ~~The A camera according to~~
~~claim 1,~~ comprising:

photographing means;
 positioning means;
5 positioning timing control means for causing said
positioning means to execute positioning at a predetermined
timing asynchronous to a photographing timing of said
photographing means to thereby obtain positional information;
 memory means for storing a plurality of images photographed
10 by said photographing means; and

memory control means for storing said positional information
obtained by said positioning timing control means in said memory
means in association with said plurality of photographed images,

wherein said predetermined timing for obtaining said positional information is when a folder for storing an image photographed by said photographing means is changed or newly provided.

Claims 47-66 (Cancelled).

Claim 67 (New). A camera comprising:

positioning timing determination means for determining a positioning timing under a predetermined condition;

positioning means for executing positioning at the
5 positioning timing determined by the positioning timing determination means to thereby acquire positional information;

instruction means for receiving a photographing instruction at an arbitrary timing;

image storing means for storing a photographed image in
10 accordance with the photographing instruction received by the instruction means;

positional information storing means for storing the positional information acquired by the positioning means in

association with the photographed image stored by the image

15 storing means;

overlapping determination means for determining overlapping
of the positioning timing determined by the positioning timing
determination means and the timing of receiving the photographing
instruction by the instruction means; and

20 control means for, when the overlapping determination means
determines that the timings overlap, inhibiting the positioning
means from executing positioning at the overlapped positioning
timing.

Claim 68 (New). The camera according to claim 67, wherein:
the positioning timing determination means determines a
plurality of positioning timings;

the positioning means executes positioning at the plurality
5 of positioning timings determined by the positioning timing
determination means to thereby acquire a plurality of positional
information items; and

the positional information storing means stores a positional
information item selected from positional information items
10 acquired by the positioning means without being inhibited by the
control means, in association with the photographed image stored
by the image storing means.

Claim 69 (New). The camera according to claim 68, wherein:

the image storing means stores a plurality of images
photographed during a serial photograph in accordance with the
photographing instruction received by the instruction means;

5 the overlapping determination means determines the
overlapping of the timings when the positioning timing is
determined by the positioning timing determination means during a
period from a time when the image storing means starts the
continuous photographing to a time when the image storing means
10 ends the continuous photographing;

the positioning means executes positioning at positioning
timings other than the period from the time when the image
storing means starts the continuous photographing to the time
when the image storing means ends the continuous photographing,
15 to thereby acquire the positional information; and

the positional information storing means stores one of the
positional information items acquired at the positioning timings
other than the period from the time when the image storing means
starts the continuous photographing to the time when the image
20 storing means ends the continuous photographing, in association
with the plurality of photographed images stored by the storing
means.

Claim 70 (New). The camera according to claim 69, wherein the image storing means stores the plurality of photographed images in series, at each predetermined time interval, in accordance with the photographing instruction received by the instruction means.

Claim 71 (New). The camera according to claim 70, further comprising:

setting means for setting a continuous photographing mode, wherein the image storing means stores a predetermined number of photographed images in series, at each predetermined time interval, when the image storing means receives the photographing instruction received by the instruction means in a state that the continuous photographing mode is set by the setting means.

Claim 72 (New). The camera according to claim 68, wherein the positional information storing means stores the positional information acquired at a positioning timing closest to a timing at which the image is photographed, of the plurality of positional information items acquired by the positioning means, in association with the photographed image.

Claim 73 (New). The camera according to claim 68, wherein the positioning timing determination means determines the plurality of positioning timings repeated at each predetermined time interval.

Claim 74 (New). The camera according to claim 68, wherein the positioning time determination means determines, as the positioning timing, a timing coming after a predetermined time passes in a state that the photographing instruction received by
5 the instruction means is not received.

Claim 75 (New). The camera according to claim 67, further comprising:

selection means for selecting one of a positioning operation by the positioning means and a photographing operation by the
5 image storing means which has a high priority,

wherein the control means inhibits the positioning means from executing the positioning operation at the overlapped positioning timings, when the positioning timing determined by the positioning timing determination means and the timing of
10 receiving the photographing instruction by the instruction means

overlap, and the photographing operation is selected by the selection means.

Claim 76 (New). The camera according to claim 68, further comprising:

selection means for selecting one of a positioning operation by the positioning means and a photographing operation by the
5 image storing means which has a high priority, and

wherein the control means inhibits the positioning means from executing the positioning operation at the overlapped positioning timings, when the positioning timing determined by the positioning timing determination means and the timing of
10 receiving the photographing instruction by the instruction means overlap, and the photographing operation is selected by the selection means.

Claim 77 (New). The camera according to claim 69, further comprising:

selection means for selecting one of a positioning operation by the positioning means and a photographing operation by the
5 image storing means which has a high priority, and

wherein the control means inhibits the positioning means from executing the positioning operation at the overlapped

positioning timings, when the positioning timing determined by
the positioning timing determination means and the timing of
10 receiving the photographing instruction by the instruction means
overlap, and the photographing operation is selected by the
selection means.

Claim 78 (New). The camera according to claim 67, wherein
the positioning timing determination means determines, as the
positioning timing, a timing which is determined irrespective of
the timing of receiving the photographing instruction by the
5 instruction means and which is out of a period from the timing of
the photographing instruction to a time when the photographed
image is stored.

Claim 79 (New). The camera according to claim 76, wherein
the positioning timing determination means determines, as the
positioning timing, a timing at which a photographing mode is
turned on or a timing at which the photographing mode is turned
5 off.

Claim 80 (New). A camera comprising:
positioning timing determination means for determining a
predetermined positioning timing;

positioning means for executing positioning at the
5 predetermined positioning timing determined by the positioning
timing determination means to thereby acquire positional
information;

instruction means for receiving a photographing instruction
at an arbitrary timing;

10 image storing means for storing a photographed image in
accordance with the photographing instruction received by the
instruction means;

positional information storing means for storing the
positional information acquired by the positioning means in
15 association with the photographed image stored by the image
storing means;

notification means for notifying that positioning is
executed by the positioning means in a period during which the
positioning is executed by the positioning means; and

20 control means for inhibiting the image storing means from
executing photographing during a period until the positioning of
the positioning means is ended, when the positioning timing
determined by the positioning timing determination means and the
timing of receiving the photographing instruction by the
25 instruction means overlap.

Claim 81 (New). The camera according to claim 80, further comprising:

selection means for selecting one of a positioning operation by the positioning means and a photographing operation by the
5 image storing means which has a high priority, and

wherein the control means inhibits the positioning means from executing the positioning operation at the overlapped positioning timings, when the positioning timing determined by the positioning timing determination means and the timing of
10 receiving the photographing instruction by the instruction means overlap, and the photographing operation is selected by the selection means.

Claim 82 (New). A camera method comprising the steps of:
determining a positioning timing under a predetermined condition;

executing positioning at the determined positioning timing
5 to thereby acquire positional information;

receiving a photographing instruction at an arbitrary timing;

storing a photographed image in accordance with the received photographing instruction;

10 storing the acquired positional information in association
with the stored photographed image;
 determining an overlap of the positioning timing and the
timing of receiving the photographing instruction; and
 when a determination is made that the timings overlap,
15 inhibiting execution of positioning at the overlapped positioning
timing.

 Claim 83 (new). A camera method comprising the steps of:
 determining a predetermined positioning timing;
 executing positioning at the predetermined positioning
timing to thereby acquire positional information;
 receiving a photographing instruction at an arbitrary
timing;

5 storing a photographed image in accordance with the received
photographing instruction;
 storing the acquired positional information in association
with the stored photographed image;
 notifying that positioning is executed in a period during
10 which the positioning is executed; and
 inhibiting execution of photographing during a period until
the positioning has ended, when the determined positioning timing

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and the timing of receiving the photographing instruction
overlap.

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